

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

Our Docket No.: **I69.12-0609** Date: **November 17, 2003**

First Named Inventor: **David J. Larson et al.**

Title: **HIGH MAGNETIC ANISOTROPY HARD MAGNETIC BIAS ELEMENT**

Express Mail No.: **EV 302262696 US**



**APPLICATION ELEMENTS**

**Commissioner for Patents**  
**ADDRESS TO:** P.O. Box 1450  
Alexandria, VA 22313-1450

1.  Fee Calculation Sheet  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status
3.  Specification Total Pages [24]
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed. Sponsored R&D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claims
  - Abstract of the Disclosure
4.  Drawings (35 U.S.C. 113) Total Sheets [11]
5.  Oath or Declaration Total Pages [3]
  - a.  Newly Executed (original or copy)
  - b.  Copy from a prior application (37 C.F.R. 1.63(d) - for continuation/divisional with Box 18 completed)
 

[Mark Box 5 below]

    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b)
6.  Application Data Sheet. See 37 CFR 1.76.

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (*If applicable, all necessary*)
  - a.  Computer Readable Copy (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies; or
    - ii.  Paper
  - c.  Statements verifying identify of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 C.F.R. 3.73(b) Submission  
 Power of Attorney
11.  English Translation Document (*if applicable*)
12.  Information Disclosure Statement with copies of Citations as necessary
13.  Preliminary Amendment Total Pages [ ]
14.  Return Receipt Postcard (*Should be specifically itemized*)
15.  Certified Copy of Priority document(s) (*If foreign priority is claimed*)
16.  Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Application must attach form PTO/SB/35 or its equivalent
17.  Other

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Division     Continuation-in-part (CIP) of prior Application No.

Prior Application Information: Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

ATTY NAME AND REG. NO.	David R. Fairbairn, Reg. No. 26,047	SIGNATURE:
ADDRESS	Kinney & Lange, P.A. THE KINNEY & LANGE BUILDING 312 South Third Street Minneapolis, MN 55415-1002	
TELEPHONE	(612) 339-1863      FAX: (612) 339-6580	

<b>FEE TRANSMITTAL</b>		Complete if Known																																																																																																																						
		Application No.																																																																																																																						
		Filing Date		Herewith																																																																																																																				
		First Named Inventor		David J. Larson et al.																																																																																																																				
		Group Art Unit																																																																																																																						
Examiner Name																																																																																																																								
Total Amount of Payment \$1,054		Atty. Docket Number		I69.12-0609																																																																																																																				
METHOD OF PAYMENT (Check One)		FEE CALCULATION (Continued)																																																																																																																						
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. 1.16 and 1.17 and credit any over payments to Deposit Account No.11-0982. Deposit Account Name: Kinney & Lange, P.A. A duplicate copy of this communication is enclosed  2. <input checked="" type="checkbox"/> Check Enclosed		<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th colspan="2">Fee Description</th> <th>Fee paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge - Late filing fee or oath *</td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet *</td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification *</td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For Filing a Request for Reexamination *</td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month *</td> </tr> <tr> <td>1252</td> <td>420</td> <td>2252</td> <td>210</td> <td>Extension for reply within second month *</td> </tr> <tr> <td>1253</td> <td>950</td> <td>2253</td> <td>475</td> <td>Extension for reply within third month *</td> </tr> <tr> <td>1254</td> <td>1,480</td> <td>2254</td> <td>740</td> <td>Extension for reply within fourth month *</td> </tr> <tr> <td>1255</td> <td>2,010</td> <td>2255</td> <td>1,005</td> <td>Extension for reply within fifth month *</td> </tr> <tr> <td>1402</td> <td>330</td> <td>2402</td> <td>165</td> <td>Filing a brief in support of an appeal *</td> </tr> <tr> <td>1403</td> <td>290</td> <td>2403</td> <td>145</td> <td>Request for oral hearing *</td> </tr> <tr> <td>1814</td> <td>110</td> <td>2814</td> <td>55</td> <td>Terminal Disclaimer Fee *</td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive - unavoidable *</td> </tr> <tr> <td>1453</td> <td>1,330</td> <td>2453</td> <td>665</td> <td>Petition to revive - unintentional *</td> </tr> <tr> <td>1501</td> <td>1,330</td> <td>2501</td> <td>665</td> <td>Utility/Reissue issue fee *</td> </tr> <tr> <td>1502</td> <td>480</td> <td>2502</td> <td>240</td> <td>Design issue fee *</td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460</td> <td>130</td> <td>Petitions to the Commissioner *</td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Petitions related to provisional applications *</td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806</td> <td>180</td> <td>Submission of Information Disclosure Statement *</td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties) 40</td> </tr> <tr> <td>1801</td> <td>770</td> <td>2801</td> <td>385</td> <td>Request for Continued Examination (RCE) *</td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td> <td>Subtotal (3) \$40.00</td> </tr> </tbody> </table>				Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description		Fee paid	1051	130	2051	65	Surcharge - Late filing fee or oath *	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet *	1053	130	1053	130	Non-English specification *	1812	2,520	1812	2,520	For Filing a Request for Reexamination *	1251	110	2251	55	Extension for reply within first month *	1252	420	2252	210	Extension for reply within second month *	1253	950	2253	475	Extension for reply within third month *	1254	1,480	2254	740	Extension for reply within fourth month *	1255	2,010	2255	1,005	Extension for reply within fifth month *	1402	330	2402	165	Filing a brief in support of an appeal *	1403	290	2403	145	Request for oral hearing *	1814	110	2814	55	Terminal Disclaimer Fee *	1452	110	2452	55	Petition to revive - unavoidable *	1453	1,330	2453	665	Petition to revive - unintentional *	1501	1,330	2501	665	Utility/Reissue issue fee *	1502	480	2502	240	Design issue fee *	1460	130	1460	130	Petitions to the Commissioner *	1807	50	1807	50	Petitions related to provisional applications *	1806	180	1806	180	Submission of Information Disclosure Statement *	8021	40	8021	40	Recording each patent assignment per property (times number of properties) 40	1801	770	2801	385	Request for Continued Examination (RCE) *	Other fee (specify) _____				Subtotal (3) \$40.00
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description		Fee paid																																																																																																																				
1051	130	2051	65	Surcharge - Late filing fee or oath *																																																																																																																				
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet *																																																																																																																				
1053	130	1053	130	Non-English specification *																																																																																																																				
1812	2,520	1812	2,520	For Filing a Request for Reexamination *																																																																																																																				
1251	110	2251	55	Extension for reply within first month *																																																																																																																				
1252	420	2252	210	Extension for reply within second month *																																																																																																																				
1253	950	2253	475	Extension for reply within third month *																																																																																																																				
1254	1,480	2254	740	Extension for reply within fourth month *																																																																																																																				
1255	2,010	2255	1,005	Extension for reply within fifth month *																																																																																																																				
1402	330	2402	165	Filing a brief in support of an appeal *																																																																																																																				
1403	290	2403	145	Request for oral hearing *																																																																																																																				
1814	110	2814	55	Terminal Disclaimer Fee *																																																																																																																				
1452	110	2452	55	Petition to revive - unavoidable *																																																																																																																				
1453	1,330	2453	665	Petition to revive - unintentional *																																																																																																																				
1501	1,330	2501	665	Utility/Reissue issue fee *																																																																																																																				
1502	480	2502	240	Design issue fee *																																																																																																																				
1460	130	1460	130	Petitions to the Commissioner *																																																																																																																				
1807	50	1807	50	Petitions related to provisional applications *																																																																																																																				
1806	180	1806	180	Submission of Information Disclosure Statement *																																																																																																																				
8021	40	8021	40	Recording each patent assignment per property (times number of properties) 40																																																																																																																				
1801	770	2801	385	Request for Continued Examination (RCE) *																																																																																																																				
Other fee (specify) _____				Subtotal (3) \$40.00																																																																																																																				
<b>1. BASIC FILING FEE</b> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th colspan="2">Fee Description</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>770</td> <td>2001</td> <td>385</td> <td>[X] Utility Filing Fee</td> </tr> <tr> <td>1002</td> <td>340</td> <td>2002</td> <td>170</td> <td><input type="checkbox"/> Design Filing Fee</td> </tr> <tr> <td>1004</td> <td>770</td> <td>2004</td> <td>385</td> <td><input type="checkbox"/> Reissue Filing Fee</td> </tr> <tr> <td>1005</td> <td>160</td> <td>2005</td> <td>80</td> <td><input type="checkbox"/> Prov. Filing Fee</td> </tr> <tr> <td colspan="4"></td> <td>Subtotal (1) \$770.00</td> </tr> </tbody> </table>		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description		1001	770	2001	385	[X] Utility Filing Fee	1002	340	2002	170	<input type="checkbox"/> Design Filing Fee	1004	770	2004	385	<input type="checkbox"/> Reissue Filing Fee	1005	160	2005	80	<input type="checkbox"/> Prov. Filing Fee					Subtotal (1) \$770.00																																																																																										
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description																																																																																																																						
1001	770	2001	385	[X] Utility Filing Fee																																																																																																																				
1002	340	2002	170	<input type="checkbox"/> Design Filing Fee																																																																																																																				
1004	770	2004	385	<input type="checkbox"/> Reissue Filing Fee																																																																																																																				
1005	160	2005	80	<input type="checkbox"/> Prov. Filing Fee																																																																																																																				
				Subtotal (1) \$770.00																																																																																																																				
<b>2. EXTRA CLAIM FEES</b> <table border="1"> <thead> <tr> <th>Number Claims</th> <th>Prior**</th> <th>Extra</th> <th>Fee from Below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td><u>24</u></td> <td><u>-</u></td> <td><u>20</u></td> <td><u>=</u> <u>4</u> x <u>18</u> = <u>72</u></td> </tr> <tr> <td>Indep.</td> <td><u>5</u></td> <td><u>-</u></td> <td><u>3</u></td> <td><u>=</u> <u>2</u> x <u>86</u> = <u>172</u></td> </tr> <tr> <td colspan="4">Multiple Dependent Claims</td> <td><u>*</u> = <u>*</u></td> </tr> </tbody> </table> <p>**Insert 3 and 20, or number previously paid if greater; Reissue see below</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th colspan="2">Description</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>18</td> <td>2202</td> <td>9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>1201</td> <td>86</td> <td>2201</td> <td>43</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>1203</td> <td>290</td> <td>2203</td> <td>145</td> <td>Multiple Dependent Claim</td> </tr> <tr> <td>1204</td> <td>86</td> <td>2204</td> <td>43</td> <td>Reissue Independent Claims Over Original Patent</td> </tr> <tr> <td>1205</td> <td>18</td> <td>2205</td> <td>9</td> <td>Reissue claims in excess of 20 and over original patent</td> </tr> <tr> <td colspan="4"></td> <td>Subtotal (2) \$244.00</td> </tr> </tbody> </table>		Number Claims	Prior**	Extra	Fee from Below	Fee Paid	Total	<u>24</u>	<u>-</u>	<u>20</u>	<u>=</u> <u>4</u> x <u>18</u> = <u>72</u>	Indep.	<u>5</u>	<u>-</u>	<u>3</u>	<u>=</u> <u>2</u> x <u>86</u> = <u>172</u>	Multiple Dependent Claims				<u>*</u> = <u>*</u>	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Description		1202	18	2202	9	Claims in excess of 20	1201	86	2201	43	Independent claims in excess of 3	1203	290	2203	145	Multiple Dependent Claim	1204	86	2204	43	Reissue Independent Claims Over Original Patent	1205	18	2205	9	Reissue claims in excess of 20 and over original patent					Subtotal (2) \$244.00																																																																	
Number Claims	Prior**	Extra	Fee from Below	Fee Paid																																																																																																																				
Total	<u>24</u>	<u>-</u>	<u>20</u>	<u>=</u> <u>4</u> x <u>18</u> = <u>72</u>																																																																																																																				
Indep.	<u>5</u>	<u>-</u>	<u>3</u>	<u>=</u> <u>2</u> x <u>86</u> = <u>172</u>																																																																																																																				
Multiple Dependent Claims				<u>*</u> = <u>*</u>																																																																																																																				
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Description																																																																																																																						
1202	18	2202	9	Claims in excess of 20																																																																																																																				
1201	86	2201	43	Independent claims in excess of 3																																																																																																																				
1203	290	2203	145	Multiple Dependent Claim																																																																																																																				
1204	86	2204	43	Reissue Independent Claims Over Original Patent																																																																																																																				
1205	18	2205	9	Reissue claims in excess of 20 and over original patent																																																																																																																				
				Subtotal (2) \$244.00																																																																																																																				

Signature David R. Fairbairn Reg. No. 26,047  
 David R. Fairbairn  
 Date 11/17/03 Deposit Account No. 11-0982

17081  
111703  
U.S. PTO

# FEE TRANSMITTAL

*Complete if Known*

Application No.	
Filing Date	Herewith
First Named Inventor	David J. Larson et al.
Group Art Unit	
Examiner Name	

Total Amount of Payment \$1,054

Atty. Docket Number I69.12-0609

## METHOD OF PAYMENT (Check One)

1.  The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. 1.16 and 1.17 and credit any over payments to Deposit Account No.11-0982. Deposit Account Name: Kinney & Lange, P.A. A duplicate copy of this communication is enclosed

2.  Check Enclosed

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee Description
1001	770	2001 385 [X] Utility Filing Fee
1002	340	2002 170 <input type="checkbox"/> Design Filing Fee
1004	770	2004 385 <input type="checkbox"/> Reissue Filing Fee
1005	160	2005 80 <input type="checkbox"/> Prov. Filing Fee

Subtotal (1) \$770.00

### 2. EXTRA CLAIM FEES

	Number Claims	Prior**	Extra	Fee from Below	Fee Paid
Total	24	20	= 4	x 18 = 72	
Indep.	5	3	= 2	x 86 = 172	

\*\*Insert 3 and 20, or number previously paid if greater; Reissue see below

Large Entity Fee Code	Small Entity Fee Code	Description
1202	18	2202 9 Claims in excess of 20
1201	86	2201 43 Independent claims in excess of 3
1203	290	2203 145 Multiple Dependent Claim
1204	86	2204 43 Reissue Independent Claims Over Original Patent
1205	18	2205 9 Reissue claims in excess of 20 and over original patent

Subtotal (2) \$244.00

## FEE CALCULATION (Continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee paid
1051	130	2051 65 Surcharge - Late filing fee or oath	*
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet	*
1053	130	1053 130 Non-English specification	*
1812	2,520	1812 2,520 For Filing a Request for Reexamination	*
1251	110	2251 55 Extension for reply within first month	*
1252	420	2252 210 Extension for reply within second month	*
1253	950	2253 475 Extension for reply within third month	*
1254	1,480	2254 740 Extension for reply within fourth month	*
1255	2,010	2255 1,005 Extension for reply within fifth month	*
1402	330	2402 165 Filing a brief in support of an appeal	*
1403	290	2403 145 Request for oral hearing	*
1814	110	2814 55 Terminal Disclaimer Fee	*
1452	110	2452 55 Petition to revive - unavoidable	*
1453	1,330	2453 665 Petition to revive - unintentional	*
1501	1,330	2501 665 Utility/Reissue issue fee	*
1502	480	2502 240 Design issue fee	*
1460	130	1460 130 Petitions to the Commissioner	*
1807	50	1807 50 Petitions related to provisional applications	*
1806	180	1806 180 Submission of Information Disclosure Statement	*
8021	40	8021 40 Recording each patent assignment per property (times number of properties)	40
1801	770	2801 385 Request for Continued Examination (RCE)	*
		Other fee (specify) _____	*

Subtotal (3) \$40.00

Signature 

Reg. No. 26,047

Date 11/17/03

Deposit Account No. 11-0982